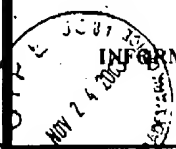
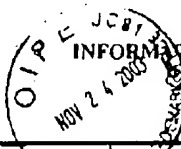

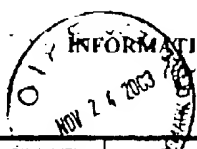


| INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) | | Docket Number (Optional) SIM0075 | Application Number 09/744,663 |
|--|--|---|----------------------------------|
| | | Applicant(s) Robert Z. Stodilka et al. | |
| | | Filing Date March 23, 2001 | Group Art Unit 2878 |
| EXAMINER INITIAL | OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | |
| | Paul D. Acton and Karl J. Friston, "Statistical parametric mapping in functional neuroimaging: beyond PET and fMRI activation studies", (1998) European Journal of Nuclear Medicine, Vol. 25, No. 7, pp. 663-667. | | |
| SL | Jesper L.R. Andersson, Anders Sundin and Sven Valind, "A Method of Coregistration of PET and MR Brain Images", (1995) The Journal of Nuclear Medicine, Vol. 36, No. 7, pp. 1307-1315. | | |
| SL | Jesper L.R. Andersson, Bengt E. Vaghammar and Harald Schneider, "Accurate Attenuation Correction Despite Movement during PET Imaging", (1995) The Journal of Nuclear Medicine, Vol. 36, No. 4, pp. 670-678. | | |
| SL | Jesper L.R. Andersson, "A Rapid and Accurate Method to Realign PET Scans Utilizing Image Edge Information", (1995) The Journal of Nuclear Medicine, Vol. 36, No. 4, pp. 657-669. | | |
| SL 1/15/04 | Alon B. Ashare and Dev P. Chakraborty, "Artificial Neural Networks: Better Than the Real Thing?", (1994) The Journal of Nuclear Medicine, Vol. 35, No. 12, pp. 2048-2049. | | |
| | Stephen L. Bacharach, PhD, and Irene Buvat, PhD, "Attenuation correction in cardiac positron emission tomography and single-photon emission computed tomography", (1995) Journal of Nuclear Cardiology, Vol. 2, No. 3, pp. 246-255. | | |
| | Dale L. Bailey, "Transmission scanning in emission tomography", (1998) European Journal of Nuclear Medicine, Vol. 25, No. 7, pp. 774-787. | | |
| SL | D. Bakker and E.K.J. Pauwels, "Stroke: the role of functional imaging", (1997) European Journal of Nuclear Medicine, Vol. 24, No. 1, pp. 2-5. | | |
| SL | M. Bergstrom, J. Litton, L. Eriksson, C. Bohm and G. Blomqvist, "Determination of Object Contour from Projections for Attenuation Correction in Cranial Positron Emission Tomography", (1982) Journal of Computer Assisted Tomography, Vol. 6, No. 2, pp. 365-372. | | |
| SL | M. Bergstrom, L. Eriksson, C. Bohm, G. Blomqvist, and J. Litton, "Correction for Scattered Radiation in a Ring Detector Positron Camera by Integral Transformation of the Projections", (1983) Journal of Computer Assisted Tomography, Vol. 7, No. 1, pp. 42-50. | | |
| SL | Dale L. Bailey, Brian F. Hutton, and Paul J. Walker, "Improved SPECT Using Simultaneous Emission and Transmission Tomography", (1987) The Journal of Nuclear Medicine, Vol. 28, No. 5, pp. 844-851. | | |
| SL | James E. Boshier, Valen E. Johnson, Timothy G. Turkington, Ronald J. Jaszcak, Carey E. Floyd, Jr. and R. Edward Coleman, "Bayesian Reconstruction and Use of Anatomical A Priori Information for Emission Tomography", (1996) IEEE Transactions on Medical Imaging, Vol. 15, No. 5, pp. 673-686. | | |
| EXAMINER | DATE CONSIDERED | | |
| SL | 12/18/03 | | |
| *EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | |

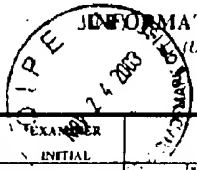
| | | | |
|---|--|---|---|
|  <p>INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)</p> | | Docket Number (Optional) SIM0075 | Application Number 09/744,663 |
| | | Applicant(s) Robert Z. Stodilka et al. | |
| | | Filing Date March 23, 2001 | Group Art Unit 2878 |
| | | OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | |
| SL | T.F. Budinger and G.T. Gullberg, "Transverse Section Reconstruction of Gamma-Ray Emitting Radionuclides in Patients", (1977). In: Ter-Pogossian MM, Phelps ME, Brownell GL, eds, Reconstruction tomography in diagnostic radiology and nuclear medicine Baltimore: University Park Press, pp. 315-342. | | |
| SL | H. Chabriet, M. Levasseur, M. Vidailhet, C. Loc'h, B. Mazliere, M.H. Bourguignon, A.M. Bonnet, M. Zilbovicius, C. Raynaud Y. Agid, A. Syrota and Y. Samson, "In-Vivo SPECT Imaging of D2 Receptor with Iodine-Iodoluride: Results in Supranuclear Palsy", (1992) Journal of Nuclear Medicine, Vol. 33, No. 8, pp. 1481-1485. | | |
| SL | Karen H. Chan, Keith A. Johnson, J. Alex Becker, Andrew Satlin, Jack Mendelson, Basem Garada and B. Leonard Holman, "A Neural Network Classifier for Cerebral Perfusion Imaging", (1994) Journal of Nuclear Medicine, Vol. 35, No. 5, pp. 771-774. | | |
| SL | J.J. Claus, F. vanHarskamp, M.M.B. Bretelet, E.P. Krenning, T.J.M. van der Cammen, A. Hofman, D. Hasan, "Assessment of cerebral perfusion with single-photon emission tomography in normal subjects and in patients with Alzheimer's disease: effects of region of interest selection", (1994) European Journal of Nuclear Medicine, Vol. 21, No. 10, pp. 1044-1051. | | |
| SL | Rui J.P. DeFigueiredo, W. Rodman Shankle, Andrea Maccato, Malcolm B. Dick, Prashanth Mundkur, Ismael Mena, and Carl W. Cotman, "Neural-network-based classification of cognitively normal, demented, Alzheimer disease and vascular dementia from single photon emission with computed tomography image data from brain", (1995) Proc. Natl. Acad. Sci. USA, Vol. 92, pp. 5530-5534. | | |
| SL 1/18/04 | George Deutsch, James M. Mountz, Charles R. Kathon, Hong-Gang Lio and John E. Harrell, "Regional Stability of Cerebral Blood Flow Measured by Repeated Technetium-99m-HMPAO SPECT: Implications for the Study of State-Dependent Change", (1997) The Journal of Nuclear Medicine, Vol. 38, No. 1, pp. 6-13. | | |
| SL | Stefan Eberl, Iwao Kanno, Roger R. Fulton, Anneke Ryan, Brian F. Hutton, and Michael J. Fulham, "Automated Interstudy Image Registration Technique for SPECT and PET", (1996) The Journal of Nuclear Medicine, Vol. 37, No. 1, pp. 137-145. | | |
| SL | A.C. Evans, C. Beil, S. Murrett, C.J. Thompson, and A. Hakim, "Anatomical-Functional Correlation Using an Adjustable MRI-Based Region of Interest Atlas with Positron Emission Tomography", (1988) Journal of Cerebral Blood Flow and Metabolism, Vol. 8, No. 4, pp. 513-530. | | |
| SL | Carey E. Floyd, Jr., Ronald J. Jaszcak, Kim L. Greer, and R. Edward Coleman, "Deconvolution of Compton Scatter", (1985) The Journal of Nuclear Medicine, Vol. 26, No. 4, pp. 403-408. | | |
| SL | Eric C. Frey, Benjamin M.W. Tsui, and J. Randolph Perry, "Simultaneous Acquisition of Emission and Transmission Data for Improved Thallium-201 Cardiac SPECT Imaging Using a Technetium-99m Transmission Source", (1992) The Journal of Nuclear Medicine, Vol. 33, No. 12, pp. 2238-2245. | | |
| SL | Carl K. Hoh, Magnus Dahlbom, Greg Harris, Yong Choi, Randall A. Hawkins, Michael E. Phelps and Jamshid Maddahi, "Automated Iterative Three-Dimensional Registration of Positron Emission Tomography Images", (1993) The Journal of Nuclear Medicine, Vol. 34, No. 11, pp. 2009-2018. | | |
| | Edward F. Hollinger, Srecko Loncaric, Dun-Chu Yu, Amjad Ali and Wei-Chang, "Using Fast Sequential Asymmetric Fanbeam Transmission CT for Attenuation Correction of Cardiac SPECT Imaging", (1998) The Journal of Nuclear Medicine, Vol. 39, No. 8, pp. 1335-1344. | | |
| EXAMINER <i>Sh Lee</i> | | DATE CONSIDERED <i>12/18/03</i> | |
| <p>*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p> | | | |

| | | | |
|---|---|--|---|
| <div style="text-align: center;"> INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i> </div> | | Docket Number (Optional) SIM0075 | Application Number 09/744,663 |
| | | Applicant(s) Robert Z. Stodilka et al. | |
| | | Filing Date March 23, 2001 | Group Art Unit 2878 |
| | | OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | |
| SL | B. Leonard Holman, Robert E. Zimmerman, Keith A. Johnson, Paulo A. Carvalho, Richard B. Schwartz, Jay S. Loeffler, Eben Alexander, Charles A. Pelizzari and George T.Y. Chen, "Computer-Assisted Superimposition of Magnetic Resonance and High-Resolution Technetium-99m-HMPAO and Thallium-201 SPECT Images of the Brain", (1991) The Journal of Nuclear Medicine, Vol. 32, No. 8, pp. 1478-1484. | | |
| SL | Minoru Hosoba, Hidenobu Wani, Hinako Toyama, Hajime Murata, and Eichi Tanaka, "Automated Body Contour Detection in SPECT: Effects on Quantitative Studies", (1986) The Journal of Nuclear Medicine, Vol. 27, No. 7, pp. 1184-1191. | | |
| SL | Sung-Cheng Huang, Edward J. Hoffman, Michael E. Phelps, and David E. Kuhl, "Quantitation in Positron Emission Computed Tomography: 2. Effects of Inaccurate Attenuation Correction" December 1979 <i>Journal of Computer Assisted Tomography 3(6) 804-814</i> | | |
| SL | Sung-Cheng Huang, Richard E. Carson, Michael E. Phelps, Edward J. Hoffman, Heinrich R. Schelbert, and David E. Kuhl, "A Boundary Method for Attenuation Correction in Positron Computed Tomography", (1981) The Journal of Nuclear Medicine, Vol. 22, No. 7, pp. 627-637. | | |
| SL | H. Malcolm Hudson and Richard S. Larkin, "Accelerated Image Reconstruction Using Ordered Subsets of Projection Data", (1994) IEEE Transactions on Medical Imaging, Vol. 13, No. 4, pp. 601-609. | | |
| | Hidenobu Wani, Yuichiro Morita, Hirotsugu Kudo, Akemi Koshimizu, Shigeaki Sugawara, Yasuaki Shoji, Toshiyuki Kinoshita, Toshihide Ogawa and Stefan Eberl, "Effects of Scatter and Attenuation Correction on Quantitative Assessment of Regional Cerebral Blood Flow with SPECT", (1998) The Journal of Nuclear Medicine, Vol. 39, No. 1, pp. 181-189. | | |
| SL | Ronald J. Jaszcak, PhD, Lee-Tzou Chang, PhD, Neil A. Stein, PhD, and Fergus E. Moore, PhD, "Whole-body Single-photon Emission Computed Tomography using Dual, Large-field-of-view Scintillation Cameras", (1979) Phys. Med. Biol., Vol. 24, No. 6, pp. 1123-1143. | | |
| SL | Jack E. Juni, "Taking Brain SPECT Seriously: Reflections on Recent Clinical Reports in 'The Journal of Nuclear Medicine'", (1994) The Journal of Nuclear Medicine, Vol. 35, No. 12, pp. 1891-1895. | | |
| SL | Dan J. Kadmas, Eric C. Frey and Benjamin M.W. Tsui, "Analysis of the reconstructibility and noise properties of scattered photons in 99mTc SPECT", (1997) Phys. Med. Biol., Vol. 42, pp. 2493-2516. | | |
| | Dan J. Kadmas, Eric C. Frey, Seemeen S. Karim, and Benjamin M.W. Tsui, "Fast implementation of reconstruction-based scatter compensation in fully 3D SPECT image reconstruction", (1998) Phys. Med. Biol., Vol. 43, pp. 857-873. | | |
| SL 1/15/04 | Mitchell S. Kaplan, Robert S. Miyaoka, Steven K. Kohlmyer, David R. Huynh, Robert L. Harrison, and Thomas K. Lewellen, "Scatter and attenuation correction for 111 In based on energy spectrum fitting", (1996) Medical Physics, Vol. 23, No. 7, pp. 1277-1285. | | |
| SL | H. Karbe, A. Kertesz, J. Davis, B.J. Kemp, F.S. Prado, and R.L. Nicholson, "Quantification of functional deficit in Alzheimer's disease using a computer-assisted mapping program for 99m Tc-HMPAOSPECT", (1994) Neuroradiology, Vol. 36, pp. 1-6. | | |
| EXAMINER <i>SL Lee</i> | | DATE CONSIDERED <i>12/18/03</i> | |
| <small>*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small> | | | |

| | | | |
|---|--|--|---|
|  <p>INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)</p> | | Docket Number (Optional) SIM0075 | Application Number 09/744,663 |
| | | Applicant(s) Robert Z. Stodilka et al. | |
| | | Filing Date March 23, 2001 | Group Art Unit 2878 |
| | | OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | |
| EXAMINER INITIALS | SE | Brad J. Kemp, Frank S. Prato, Richard L. Nicholson and Lionel Reese, "Transmission Computed Tomography Imaging of the Head with a SPECT System and a Collimated Line Source", (1995) The Journal of Nuclear Medicine, Vol. 36, No. 2, pp. 328-335. | |
| SE | Kenneth Lange and Richard Carson, "EM Reconstruction Algorithms for Emission and Transmission Tomography", (1984) Journal of Computer Assisted Tomography, Vol. 8, No. 2, pp. 306-316. | | |
| SE | Niels A. Lassen, Allan R. Andersen, Lars Friberg and Olaf B. Paulson, "The Retention of [99m Tc]-d,l-HM-PAO in the Human Brain after Intracarotid Bolus Injection: A Kinetic Analysis", (1988) Journal of Cerebral Blood Flow and Metabolism, Vol. 8, Suppl. 1, pp. S13-S-22. | | |
| SE | Jean Leveille, George Demonceau, and Richard C. Walovitch, "Intrasubject Comparison Between Technetium-99m-ECD and Technetium-99m-HMPAO in Healthy Human Subjects", (1992) The Journal of Nuclear Medicine, Vol. 33, No. 4, pp. 480-484. | | |
| | Robert Eiche, Stephen J. Glick, Weishi Xia, Tin-Su Pan, Bill C. Penney and Michael A. King, "Attenuation Compensation in 99m Tc SPECT Brain Imaging: A Comparison of the Use of Attenuation Maps Derived from Transmission Versus Emission Data in Normal Scans", (1999) The Journal of Nuclear Medicine, Vol. 40, No. 3, pp. 456-463. | | |
| SE | Jean-Francois Mangin, Vincent Frouin, Isabelle Bloch, Bernard Bendriem, and Jaime Lopez-Kraha, "Fast Nonsupervised 3D Registration of PET and MR Images of the Brain", (1994) Journal of Cerebral Blood Flow and Metabolism, Vol. 14, No. 5, pp. 749-762. | | |
| SE | J.A. Malko, R.L. Van Heertum, G.T. Gullberg, and W.P. Kowalsky, "SPECT Liver Imaging Using an Iterative Attenuation Correction Algorithm and an External Flood Source", (1986) The Journal of Nuclear Medicine, Vol. 27, No. 5, pp. 701-705. | | |
| | Ichiro Matsunari, Guido Boning, Sibylle J. Ziegler, Istvan Kosa, Stephan G. Nekolla, Edward P. Facaro and Markus Schwaiger, "Effects of Misalignment Between Transmission and Emission Scans on Attenuation-Corrected Cardiac SPECT", (1998) The Journal of Nuclear Medicine, Vol. 39, No. 3, pp. 411-416. | | |
| SE | A.R. McIntosh, F.L. Bookstein, J.V. Haxby, and C.L. Grady, "Spatial Pattern Analysis of Functional Brain Images Using Partial Least Squares", (1996) NeuroImage, Vol. 3, pp. 143-157. | | |
| SE | Miles E. McCord, Stephen L. Bacharach, Robert O. Bonow, Vaskin Dilsizian, Alberto Cuocolo, and Nanette Freedman, "Misalignment Between PET Transmission and Emission Scans: Its Effect on Myocardial Imaging", (1992) The Journal of Nuclear Medicine, Vol. 33, No. 6, pp. 1209-1213. | | |
| SE | Steven R. Meikle, Magnus Dahlbom and Simon R. Cherry, "Attenuation Correction Using Count-Limited Transmission Data in Positron Emission Tomography", (1993) The Journal of Nuclear Medicine, Vol. 34, No. 1, pp. 143-144. | | |
| SE | Steven R. Meikle, Brian F. Hutton and Dale L. Bailey, "A Transmission-Dependent Method for Scatter Correction in SPECT", (1994) The Journal of Nuclear Medicine, Vol. 35, No. 2, pp. 360-367. | | |
| EXAMINER |  | | DATE CONSIDERED 12/18/03 |
| <p>*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p> | | | |

| | | | |
|---|---|--|---|
| <div style="text-align: center;">  <p>INFORMATION DISCLOSURE CITATION (several sheets if necessary)</p> </div> | | Docket Number (Optional) SIM0075 | Application Number 09/744,663 |
| | | Applicant(s) Robert Z. Stodilka et al. | |
| | | Filing Date March 23, 2001 | Group Art Unit 2878 |
| EXAMINER INITIALS | OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | |
| SL | Ruediger Mielke, Uwe Pietrzyk, Andreas Jacobs, Gereon R. Fink, Atsushi Ichimiya, Josef Kessler, Karl Herholz, Wolf D. Heiss, "HMPAO SPET and FDG PET in Alzheimer's disease and vascular dementia: comparison of perfusion and metabolic pattern", (1994) European Journal of Nuclear Medicine, Vol. 21, No. 10, pp. 1052-1060. | | |
| SL | Satoshi Minoshima, Kevin L. Berger, Kien S. Lee, and Mark A. Mintun, "An Automated Method for Rotational Correction and Centering of Three-Dimensional Functional Brain Images", (1992) The Journal of Nuclear Medicine, Vol. 33, No. 8, pp. 1579-1585. | | |
| SL | Satoshi Minoshima, Robert A. Koeppe, Kirk A. Frey and David E. Kuhl, "Anatomic Standardization: Linear Scaling and Nonlinear Warping of Functional Brain Images", (1994) The Journal of Nuclear Medicine, Vol. 35, No. 9, pp. 1528-1537. | | |
| | P. Moaki, E.S. Pretor, R.Z. Stodilka, J. Davis, B.J. Kemp, A. Kertesz and R.L. Nicholson, "The Merits of Fully Automated rCBF Determination in Eliminating Subjective Errors in Quantitative Spect.", (1998) The Journal of Nuclear Medicine, Vol. 39, p. 106P. | | |
| SL | Frank Natterer, "Determination of tissue attenuation in emission tomography of optically dense media", (1993) Inverse Problems, Vol. 9, pp. 731-736. | | |
| SL | J.A. Nelder, R. Mead, (1965), "A Simplex Method for Function Minimization", The Computer Journal, Vol. 7, pp. 308-313. | | |
| SL 1/15/04 | Jorge Núñez, Jorge Llacer, (1990), "A Fast Bayesian Reconstruction Algorithm for Emission Tomography with Entropy Prior Converging to Feasible Images", IEEE Transactions on Medical Imaging, Vol. 9, No. 2, pp. 159-171. | | |
| | V.V. Panin, G.L. Zeng, G.F. Gullberg, "Reconstructions of Truncated Projections Using an Optimal Basis Expansion Derived from the Cross-Correlation of a 'Knowledge Set' of a priori Cross-Sections", IEEE Transactions on Nuclear Science, Vol. 45, No. 4, pp. 2119-2125. | | |
| SL 1/15/04 | J. Talairach, P. Tournoux, M. Rayport, (1988), "Co-Planar Stereotaxic Atlas of the Human Brain. Three-Dimensional Proportional System: An Approach to Cerebral Imaging", New York: Thieme Inc., pp. 1-122. | | |
| SL | Patrick Tan, Dale L. Bailey, Steven R. Meikle, Stefan Eberl, Roger R. Fulton, Brian F. Hutton, "A Scanning Line Source for Simultaneous Emission and Transmission Measurement in SPECT", (1993), The Journal of Nuclear Medicine, Vol. 34, No. 10, pp. 1752-1760. | | |
| SL | M.M. Ter-Pegossian, "Misalignment Between PET Transmission and Emission Scans: Effect on Myocardial Imaging", (1992), The Journal of Nuclear Medicine, Vol. 33, No. 6, pp. 1214-1215. | | |
| | Jeffrey Tsan, Audrius Stundzia, Masanori Ichise, "Fully Automated Establishment of Stereotaxic Image Orientation in Six Degrees of Freedom for Technetium-99m-ECD Brain SPECT", (1998), The Journal of Nuclear Medicine, Vol. 39, No. 3, pp. 503-508. | | |
| EXAMINER | DATE CONSIDERED | | |
| SL | 12/18/03 | | |
| <p>*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p> | | | |

| | | | |
|--|---|---------------------------|--------------------|
| INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i> | | Docket Number (Optional) | Application Number |
| | | SIM0075 | 09/744,663 |
| | | Applicant(s) | |
| | | Robert Z. Stodilka et al. | |
| Filing Date | | Group Art Unit | |
| March 23, 2001 | | 2878 | |
| *EXAMINER INITIAL | OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | |
| SL | Benjamin M.W. Tsui, Grant T. Gullberg, Eric R. Edgerton, J. Glen Ballard, J. Randolph Perry, William H. McCartney, Jan Berg, "Correction of Nonuniform Attenuation in Cardiac SPECT Imaging", (1989), The Journal of Nuclear Medicine, Vol. 30, No. 4, pp. 497-507. | | |
| SL | Chi-Hua Tung, Grant T. Gullberg, "A Submission of Emission and Transmission Noise Propagation in Cardiac SPECT Imaging With Nonuniform Attenuation Correction", (1994), Medical Physics, Vol. 21, No. 10, pp. 1565-1576. | | |
| SL 1/15/04 | Chi-Hua Tung, Grant T. Gullberg, G.L. Zeng, P. Christian, F.L. Datz, H.T. Morgan, "Non-Uniform Attenuation Correction Using Simultaneous Transmission and Emission Converging Tomography", (1992), IEEE Transactions on Nuclear Science, Vol. 39, No. 4, pp. 1134-1143. | | |
| | Christopher H. van Dyck, C. Huic Lin, Eileen O. Smith, Gary Wisniewski, Janet Cellar, Rhonda Robinson, Mirna Narayan, Alexandre Bennett, Richard C. Delaney, Richard A. Bronen, Paul B. Hoffer, "Comparison of Technetium-99m-HMPAO and Technetium-99m-ECD Cerebral SPECT Images in Alzheimer's Disease", The Journal of Nuclear Medicine, Vol. 37, No. 11, pp. 1749-1755. | | |
| SL | S. Webb, M.A. Flor, R.J. Ott, M.O. Leach, "A Comparison of Attenuation Correction Methods for Quantitative Single Photon Emission Computed Tomography", (1983), Phys. Med. Biol., Vol. 28, No. 9, pp. 1045-1056. | | |
| SL 1/15/04 | Andy Welch, Rol Clark, Frank Natterer, Grant T. Gullberg, "Toward Accurate Attenuation Correction in SPECT Without Transmission Measurements", (1997), IEEE Transactions on Medical Imaging, Vol. 16, No. 5, pp. 532-541. | | |
| SL 1/15/04 | Kevin Woods, Kevin W. Howery, "Generating ROC Curves for Artificial Neural Networks", (1997), IEEE Transactions on Medical Imaging, Vol. 16, No. 3, pp. 329-337. | | |
| SL | Roger P. Woods, Simon R. Cherry, John C. Mazziotta, (1992), "Rapid Automated Algorithms for Aligning and Reslicing PET Images", Journal of Computer Assisted Tomography, Vol. 16, No. 4, pp. 620-633. | | |
| SL | Roger P. Woods, John C. Mazziotta, Simon R. Cherry, "MRI-PET Registration With Automated Algorithm", (1993), Journal of Computer Assisted Tomography, Vol. 17, No. 4, pp. 536-546. | | |
| SL | Eddie Zhihua Xu, Nizar A. Mullani, K. Lance Gould, Wallace L. Anderson, "A Segmented Attenuation Correction for PET", (1991), The Journal of Nuclear Medicine, Vol. 32, No. 1, pp. 161-165. | | |
| SL | J. George Zubal, Susan S. Spencer, Khursheed Imam, John Selbyl, Eileen O. Smith, Gary Wisniewski, Paul B. Hoffer, (1995), The Journal of Nuclear Medicine, Vol. 36, No. 4, pp. 684-689. | | |
| SL | J. George Zubal, Charles R. Harrell, Eileen O. Smith, Zachary Rattner, Gene Gindl, Paul B. Hoffer, (1994), Medical Physics, Vol. 21, No. 2, pp. 299-302. | | |
| EXAMINER | DATE CONSIDERED | | |
| SL | 12/18/03 | | |
| *EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | |

| | | | |
|---|--|---|--------------------|
| <div style="text-align: center;">  <p>INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)</p> </div> | | Docket Number (Optional) | Application Number |
| | | SIM0075 | 09/744,663 |
| | | Applicant(s) | |
| | | Robert Z. Stodilka et al. | |
| Filing Date | | Group Art Unit | |
| March 23, 2001 | | 2878 | |
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | | |
| | | V.V. Panin, G.-T. Zeng, G.-T. Gullberg, "Registration Problem in Attenuation Map Estimation Using Only Emission Data With Data Consistency Conditions", (1999), The Journal of Nuclear Medicine, Vol. 40, No. 5, pp. 294P. | |
| SL | | Charles A. Pellizzari, George T.Y. Chen, Danny R. Spelbring, Ralph R. Weichselbaum, Chin-Tu Chen, "Accurate Three-Dimensional Registration of CT, PET, and/or MR Images of the Brain", (1989), Journal of Computer Assisted Tomography, Vol. 13, No. 1, pp. 20-26. | |
| | | James G. Patterson, Terrence S. Early, Andy Martin, Melanie Z. Walker, James M. Russell, Javier Villanueva-Mayer, "SPECT Image Analysis Using Statistical Parametric Mapping: Comparison of Technetium-99m-HMPAO and Technetium-99m-ECD", The Journal of Nuclear Medicine, Vol. 38, No. 11, pp. 1721-1725. | |
| SL | | Robert L. Phillips, Eythe D. London, Jonathan M. Links, Nicola G. Cascella, "Program for PET Image Alignment: Effects on Calculated Differences in Cerebral Metabolic Rates for Glucose", (1990), The Journal of Nuclear Medicine, Vol. 31, No. 12, pp. 2052-2057. | |
| SL | | Uwe Pietrzyk, Karl Herholz, Gereon Fink, Andreas Jacobs, Rudiger Mielke, Ina Stansky, Michael Wurker, Wolf-Dieter Heiss, "An Interactive Technique for Three-Dimensional Image Registration: Validation for PET, SPECT, MRI and CT Brain Studies", (1994), The Journal of Nuclear Medicine, Vol. 35, No. 12, pp. 2011-2018. | |
| SL | | M.S. Rosenthal, J. Cullom, W. Hawkins, S.C. Moore, B.M.W. Tsui, M. Yester, "Quantitative SPECT Imaging: A Review and Recommendations by the Focus Committee of the Society of Nuclear Medicine Computer and Instrumentation Council", (1995), The Journal of Nuclear Medicine, Vol. 36, No. 8, pp. 1489-1513. | |
| SL | | John P. Seibyl, Scott W. Woods, Sami S. Zoghbi, Ronald M. Baldwin, Holley M. Dey, Andrew W. Goddard, Yolanda Zea-Ponce, George Zubal, Mark Germino, Eileen O. Smith, George R. Heninger, Dennis S. Charney, Hank F. Kung, Abbas, Alavi, Paul B. Hoffer and Robert B. Innis, "Dynamic SPECT Imaging of Dopamine D2 Receptors in Human Subjects with Iodine-123-IBZM", (1992), The Journal of Nuclear Medicine, Vol. 33, No. 11, pp. 1964-1971. | |
| SL | | L.A. Shepp, V. Vardi, "Maximum Likelihood Reconstruction for Emission Tomography", (1982), IEEE Transactions on Medical Imaging, Vol. MI-1, No. 2, pp. 113-122. | |
| SL | | Piotr J. Slomka, Gilbert A. Hurwitz, Janice Stephenson, Trevor Craddock, "Automated Alignment and Sizing of Myocardial Stress and Rest Scans to Three-Dimensional Normal Templates Using an Image Registration Algorithm", (1995), The Journal of Nuclear Medicine, Vol. 36, No. 6, pp. 1115-1122. | |
| | | Robert Z. Stodilka, Brad J. Kemp, Frank S. Prato, Richard L. Nicholson, "Importance of Bone Attenuation in Brain SPECT Quantification", (1998), The Journal of Nuclear Medicine, Vol. 39, No. 1, pp. 190-197. | |
| | | Robert Z. Stodilka, Brad J. Kemp, Peter Maki, Frank S. Prato, Richard L. Nicholson, "The Relative Contributions of Scatter and Attenuation Corrections Toward Improved Brain SPECT Quantification", (1998), Phys. Med. Biol., Vol. 43, pp. 2991-3008. | |
| | | Rik Stokking, Johannes W. van Iselt, Peter P. van Rijk, John M. M. de Klerk, Antoon W. L. C. Huisken, Ilse J. R. Meriens, Erik Buskens, Max A. Viergever, "Integrated Visualization of Functional and Anatomic Brain Data: A Validation Study", (1999), The Journal of Nuclear Medicine, Vol. 40, No. 2, pp. 311-316. | |
| EXAMINER | | DATE CONSIDERED | |
| SL | | 12/18/03 | |
| <p>*EXAMINER: Initial if citation considered, whether or not citation is in conformance with NPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p> | | | |

